

**NEUROPILIN HOMOLOG ZCUB5****ABSTRACT OF THE DISCLOSURE**

Novel polypeptides, materials and methods for making them, and method of use are disclosed. The polypeptides comprise residues 41-150 of SEQ ID NO:2 or residues 32-141 of SEQ ID NO:4, and may be prepared as polypeptide fusions comprise heterologous sequences, such as affinity tags. The polypeptides and polynucleotides encoding them may be used within a variety of therapeutic, diagnostic, and research applications.

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